

10/27/00  
JC852 U.S. PTO

10-30-00

A

ATTY. DOCKET NO. 25436/1560

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Joseph A. Sorge et al.	)	Examiner: Not assigned yet
	)	
Serial No.: Not assigned Yet	)	Art Unit: Not assigned yet
	)	
Filed: Concurrent Herewith	)	
	)	
For: COMPOSITIONS AND METHODS	)	
UTILIZING DNA POLYMERASES	)	

JC853 U.S. PTO  
09/698341  
10/27/00

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

TRANSMITTAL LETTER


Enclosed for filing in the above-identified patent, please find the following documents:

1. Certificate of Express Mailing;
2. New Patent Application Transmittal;
3. Patent Application Specification (116 Pages);
4. 17 Sheets of Informal Drawings;
5. Executed Declaration and Power of Attorney;
6. Executed Small Entity Statement;
7. Check in the amount of \$2,136.00 for the Requisite Filing Fee; and,
8. Return Post Card.

The Assistant Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No: 25436/1560. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

10/27/00  
Date

  
Kathleen M. Williams, Esq.  
Reg. No. 34,380  
PALMER AND DODGE, LLP  
One Beacon Street  
Boston, MA 02109-3190  
Telephone No: (617) 573-0451  
Fax No: (617) 227-4420

The PTO did not receive the following  
listed item(s) 116 Sheets of Specification  
(KE 99 Sheets)

NEW UNITED STATES UTILITY PATENT APPLICATION  
under 37 C.F.R. 1.53(b)

Page 1

Atty. Docket No 25436/1560

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10: The undersigned hereby certifies that this United States Patent application and all papers noted herein as being attached, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10 today, **October 27, 2000** and is addressed to: Box: Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail No: EL591995250US

Kathleen M. Williams, Ph.D

Assistant Commissioner of Patents  
Patent Applications  
Washington, D.C. 20231

Attorney Docket No: 25436/1560

Enclosed herewith is a new patent application and the following papers:

First Named Inventor (or application identifier): **Joseph A. Sorge, Holly Hurlbut Hogrefe and Connie Hansen**

Title of Invention: **"COMPOSITIONS AND METHODS UTILIZING DNA POLYMERASES"**

1. ☒ Specification 116 pages (including specification, claims, abstract) / **154** claims ( **14** independent)
2. ☒ Declaration/Power of Attorney is:  
☒ attached in the regular manner (Executed).  
☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 17 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☐ Preliminary Amendment.
5. ☐ Information Disclosure Statement  
☐ Form 1449  
☐ A copy of each cited prior art reference
6. ☐ Assignment with Cover Sheet.
7. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
U.S.	60/162,600	29 October 1999

- ☐ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

8. ☐ Priority document(s).
9. ☒ Statement Claiming Small Entity Status (Executed).
10. ☐ Microfiche Computer Program (Appendix).

**NEW UNITED STATES UTILITY PATENT APPLICATION**  
under 37 C.F.R. 1.53(b)

Page 2

Atty. Docket No25436/1560

11. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.

12. Calculation of Fees:

FEES-FOR	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))			
			\$710.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	134	134.00	\$2412.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	11	80.00	\$880.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	Y	270.00	\$270.00
Subtotal - Filing Fee Due			
			\$4272.00
REDUCE BY (%)   (\$)			
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	0.50		\$2136.00
TOTAL FILING FEE DUE			
			\$0.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0	40.00	\$0.00
GRAND TOTAL DUE			
			\$2,136.00

13. PAYMENT is:


☒ included in the amount of the GRAND TOTAL by our enclosed check.

14. All correspondence for the attached application should be directed to:

PALMER& DODGE, LLP  
One Beacon Street  
Boston, MA 02108-3190

Date: October 27, 2000

By

  
Kathleen M. Williams, Ph.D  
Reg. No. 34,380

ATTY. DOCKET NO. 25436/1560

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC853 U.S. PTO  
09/698341  
10/27/00

In re Application of: Joseph A. Sorge et al.	)	Examiner: Not assigned yet
	)	
Serial No.: Not assigned Yet	)	Art Unit: Not assigned yet
	)	
Filed: Concurrent Herewith	)	
	)	
For: COMPOSITIONS AND METHODS	)	
UTILIZING DNA POLYMERASES	)	

---

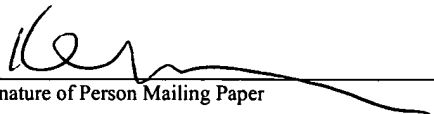
Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the papers attached hereto are being deposited with the United States Postal Service using Express Mail to Addressee, **Express Mail No. EL591995250US** on this date, **OCTOBER 27 , 2000**, postage prepaid, under 37 C.F.R. § 1.10 in an envelope addressed to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Kathleen M. Williams, Ph.D

Name of Person Mailing Paper

  
Signature of Person Mailing Paper